

Converting Colors

YUV(163.3430, 40.2569,
14.6082)

Have a look what the booklet for
YUV(163.3430, 40.2569, 14.6082)
contains.

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Color

**YUV(163.3430, 40.2569,
14.6082)**

Conversions

Conversions Part 1

Format	Color
Hex	B48BF5
RGB	180, 139, 245
RGB Percent	71%, 55%, 96%
CMY	0.2941, 0.4549, 0.0392
CMYK	0.27, 0.43, 0.00, 0.04
HSL	263°, 84%, 75%
HSV	263°, 43%, 96%
XYZ	44.5364, 34.7611, 90.7484
YIQ	163.3430, -9.5900, 41.6580

Conversions

Conversions Part 2

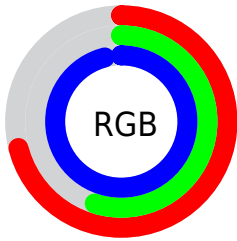
Format	Color
R _Y B	180, 139, 245
Decimal	11832309
CIE Lab	65.56, 36.79, -47.59
CIE LCh	66, 60.156, 307.708
Yxy	34.7611, 0.2619, 0.2044
Android (android.graphics.Color)	4290022389 (0xFFB48BF5)
YUV	163.3430, 40.2569, 14.6082
Hunter-Lab	58.9586, 31.6589, -49.9876

Details

The YUV color **163.3430, 40.2569, 14.6082** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **220.6570, -40.2569, -14.6082**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5230, 20.4482, 21.4663**, and **110.4630, 38.2257, 12.7489** is the 20% darker color. If you saturate the color by 10%, you get **144.1830, 49.7028, 18.2565**, and if you desaturate by 10%, it is **181.9160, 31.1004, 11.4747**.

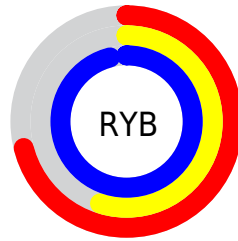
Distribution



Red (71%)

Green (55%)

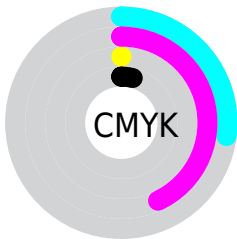
Blue (96%)



Red (71%)

Yellow (55%)

Blue (96%)

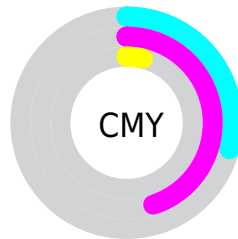


Cyan (27%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3430, 40.2569, 14.6082 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 163.3430, 40.2569, 14.6082 by changing the saturation by 10% instead.

163.3430, 40.2569,
14.6082

163.3430, 40.2569,
14.6082

255.0000, 0.0000,
0.0000

136.4030, 39.2413,
13.6786

213.5230, 20.4482,
21.4663

110.4630, 38.2257,
12.7489

235.0420, 9.8393,
17.5032

84.9250, 37.5050,
10.5898

252.0650, 1.4470,
2.5740

59.9850, 36.4894,
9.6602

35.1480, 35.9160,
6.8862

12.4520, 34.7802,
-2.1504

6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 163.3430, 40.2569,
14.6082

■ 163.3430, 40.2569,
14.6082

■ 144.1830, 49.7028,
18.2565

■ 181.9160, 31.1004,
11.4747

■ 125.6100, 58.8593,
21.3900

■ 201.0760, 21.6545,
7.8263

■ 106.4500, 68.3052,
25.0384

■ 219.6490, 12.4980,
4.6928

■ 87.8770, 77.4616,
28.1719

■ 238.8090, 3.0522,
1.0445

■ 68.7170, 86.9075,
31.8202

■ 253.8600, -4.3680,
0.9998

■ 56.3350, 93.0118,
33.9092

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



145.4040, 54.0308, -63.4983



163.3430, 40.2569, 14.6082



161.8580, 19.2970, 64.1455

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



163.3430, 40.2569, 14.6082



155.5180, -49.0624, 56.5507



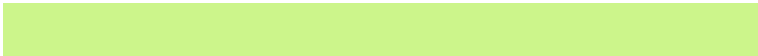
128.2030, 21.5919, -112.4340

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



163.3430, 40.2569, 14.6082



220.6570, -40.2569, -14.6082

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



120.0580, -2.0006, -105.2909



163.3430, 40.2569, 14.6082



151.6200, -54.0427, 20.5043

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



163.3430, 40.2569, 14.6082



156.7210, -29.9355, 81.8057



145.4600, -38.1878, -24.9594



133.5440, 44.5948, -117.1181

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163.3430, 40.2569, 14.6082



159.1410, 3.3815, 82.3143



145.4600, -38.1878, -24.9594



126.0370, 13.2928, -110.5344

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



163.3430, 40.2569, 14.6082



229.6490, 12.4980, 4.6928



189.2390, 27.4902, -44.0596



111.7860, 7.9935, 2.8187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.3430, 40.2569, 14.6082



152.7100, 50.4290, 18.6713



179.1900, 32.4443, 47.1914



112.8630, 4.5045, 1.8741



42.7320, 70.6311, 25.6680



13.6030, 22.3807, 8.2412

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



178.1040, 12.7667, 58.6678



171.1150, 16.2123, 73.5671



204.8100, -32.4443, -47.1914



114.5000, 1.7255, 6.5775



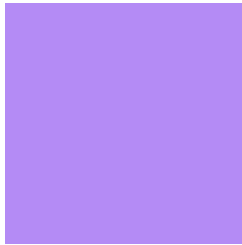
68.6100, 22.3773, 102.9510



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 163.3430, 40.2569, 14.6082 looks on a white background.

Color Contrast Check

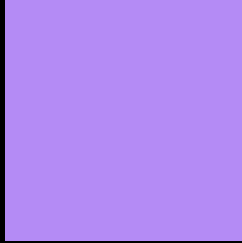
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 163.3430, 40.2569, 14.6082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

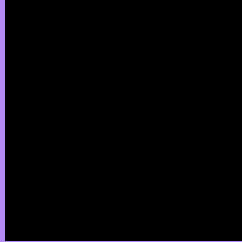
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.3430, 40.2569, 14.6082

Background



This preview shows how black text looks on a background with the YUV color 163.3430, 40.2569, 14.6082.



This preview shows how white text looks on a background with the YUV color 163.3430, 40.2569, 14.6082.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

163.3430, 40.2569, 14.6082

Protanopia

156.8210, 48.4022, -31.4150

Deuteranopia

156.9860, 41.4189, -31.5597



Tritanopia

160.3580, 3.7675, 4.9480

Trichromacy



Original Color

163.3430, 40.2569, 14.6082



Protanomaly

159.1220, 45.2959, -15.0160



Deuteranomaly

159.2700, 40.7859, -15.1458



Tritanomaly

161.5230, 16.9972, 8.3113

Monochromacy



Original Color

163.3430, 40.2569, 14.6082



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

162.9310, 14.8240, 5.3225

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3430, 40.2569, 14.6082 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 139, 245)` looks like.

```
.text, #text, p{  
    color:rgb(180, 139, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 139, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 139, 245) }
```

Border

The CSS property to change the border of an element to YUV 163.3430, 40.2569, 14.6082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 139, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 139, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 139, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 139, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 139, 245);  
box-shadow:4px 4px 4px 4px rgb(180, 139,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 163.3430, 40.2569, 14.6082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 139, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
139, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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